

# PROGRAM AMENDMENT

## SCHOOL IMPROVEMENT GRANTS

District Name: Jefferson School Name: SIG Middle Schools

Person Submitting Amendment: Linda Handley

Reviewer: Helen Jones Date Revision Approved: June 17, 2014

Sections	(Amend)Yes or No	Description data supporting amendment and strategies to be included.
Section 1: Commitment to Serve <ul style="list-style-type: none"> <li>Assessment data</li> <li>Non-cognitive data</li> <li>Causes and contributing factors</li> <li>Strategy selection</li> </ul>		
Section 2: Intervention Model ( <b>Tier I and Tier II</b> )		
Section 3: Actions <ul style="list-style-type: none"> <li>Technology</li> <li>Family involvement</li> <li>Personnel assignments</li> <li>Redirected funds</li> <li>PD</li> <li>Resources</li> <li>External support</li> <li>Review policies</li> <li>Changes in policies/practices</li> <li>Sustain reform</li> </ul>		<p>Redirected Funds:</p> <p>From TI12053 011327 5600C- \$39,000</p> <p>From TI12053 012036 5600C-\$23,000</p> <p>To: TI 12053 0650 5600C to purchase approximately 52 sets of calculators for SIG Middle Schools (approximately 520 calculators to be distributed to the following MS—Conway, Frost, Knight, Lassiter, Myers, Stuart, TJ, Western, Westport,Farnsley,Moore , Olmsted Academy North.)</p> <p>In the Kentucky Core Academic Standards for Mathematics for grades 6, 7, and 8, there are numerous standards in which the use of graphing technology is either specifically mentioned or implied. In grade 6, there are 2 standards that require students to demonstrate mathematical knowledge through the creation of tables and/or graphs, which are capabilities that the Ti-84 C has, and there are 2 standards that require students to be able to quantitatively and</p>

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		<p>graphically analyze sets of data, which the Ti-84 C can also help students do. In grade 7, the number of standards where the specific capabilities of a Ti-84 C can be used grows to 6, and in grade 8, the number of standards rises to at least 11. Even for standards that do not specifically require the capabilities of a Ti-84 C, the calculator can serve as a tremendous tool in helping students review calculations that they make in problems.</p> <p>For many mathematics teachers in Jcps middle schools, using a Ti-84 C will be new. To help teachers gain the needed knowledge for using the graphing calculator and incorporating it appropriately into their instructional practice, the mathematics specialist for grades 6 through 12, will plan and conduct several training sessions for teachers around the use of the Ti-84 C. Trainings will be provided at both the district and school levels, and as teachers become more confident in using the calculator, those teachers will be able to lead trainings for other teachers in their building and across the district.</p> <p>There are two logistical features of the Ti-84 C that also make it an appropriate choice for purchase.</p> <p><u>Sustainability</u>: First, the Ti-84 C includes rechargeable batteries, so teachers and schools will not have to spend money in the future replacing batteries that are used or taken out of the calculators by students. Second, when this model is purchased in groups of 10, they are sent with a recharging station. The recharging station will not only recharge the calculator's batteries, but it also serves as a way to organize and keep track of the calculators for the teacher. The recharging station would replace various methods that teachers have to come up with, or even pay for, on their own for the assigning of calculators to students and collecting them from the students. The District Math Specialist will conduct a needs assessment with SIG Middle Schools to determine how the calculators will be distributed.</p>

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Section 4: Timeline <ul style="list-style-type: none"> <li>Three year timeline</li> </ul>		
Section 5: <b>Tier I and Tier II</b> annual goals <ul style="list-style-type: none"> <li>District services</li> <li>Activities to improve</li> <li>Literacy and mathematics plans</li> </ul>		
Section 6: <b>Tier III</b> Services <ul style="list-style-type: none"> <li>District services</li> <li>Activities to improve</li> <li>Literacy and mathematics plans</li> </ul>		
Section 7: <b>Tier III</b> Annual Goals <ul style="list-style-type: none"> <li>S.M.A.R.T. goals</li> <li>Quarterly benchmarks</li> <li>District support when not achieving goals</li> </ul>		
Section 8: Consultation <ul style="list-style-type: none"> <li>Stakeholder input/involvement</li> </ul>		